



**COMPLETED**

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PATENT  
ATTORNEY DOCKET NO. 046124-5250

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent of: )  
Toru HIROHATA ) Confirmation No.: 6105  
U.S. Patent No.: 6,903,363 )  
Issue Date: 06/07/05 ) Group Art Unit: 2815  
Application No.: 10/705,901 ) Examiner: Nguyen, Joseph H.  
Filed: 11/13/03 )  
Title: Photocathode )

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**CHANGE OF CORRESPONDENCE ADDRESS**

Please enter the correspondence address of this application as:

**Customer Number 55694**

A new power of attorney appointing the undersigned is being filed concurrently herewith.  
If there is any fee due in connection with the filing of this paper, please charge the fee to our  
Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

By:

Peter J. Sistare  
Registration No. 48,183

Dated: August 3, 2005

**CUSTOMER NO. 55694**  
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PATENT  
Attorney Docket: 046124-5250

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. Patent of: Toru HIROHATA )  
U.S. Patent No. : 6,903,363 ) Confirmation No.: 6105  
Issue Date: 06/07/05 )  
Application No.: 10/705,901 ) Group Art Unit: 2815  
Filed: 11/13/03 ) Examiner: Nguyen, Joseph H.

**Title: Photocathode**

Commissioner for Patents  
Alexandria, VA 22314

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY**  
**AND GRANT OF NEW POWER OF ATTORNEY**

Sir:

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: **HAMAMATSU PHOTONICS K.K.**

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION AND NEW POWER OF ATTORNEY**

Under 37 CFR §3.73(b), **HAMAMATSU PHOTONICS K.K.**, a Japanese corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) to HAMAMATSU PHOTONICS K.K. submitted to the U.S. Patent and Trademark Office. The dates on which the assignments were submitted and the reel/frame numbers at which the assignments were recorded are indicated in the chart below.

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
03/20/02	046124-5121	10/088,631			03/20/02; 012800/0817
08/08/02	046124-5123	10/214,332	6,747,277	06/08/04	08/08/02; 013188/0905
06/28/02	046124-5124	10/183,160			06/28/02; 013063/0060
04/09/02	046124-5125	10/118,331			07/29/02; 013141/0580
04/26/02	046124-5126	10/132,736	6,639,969	10/28/03	07/19/02; 013113/0396
04/29/02	046124-5127	10/111,802	6,600,809	07/29/03	04/29/02; 013017/0801
05/10/02	046124-5129	10/129,729	6,891,612	05/10/05	05/10/02; 013097/0601
05/09/02	046124-5130	10/141,338	6,757,106	06/29/04	08/13/02; 015049/0901
05/10/02	046124-5132	10/129,733	6,774,370	08/10/04	05/10/02; 013118/0214
05/08/02	046124-5133	10/140,432	6,801,369	10/05/04	07/25/02; 013129/0470
07/19/04	046124-5133-01	10/893,218			07/25/02; 013129/0470
05/17/02	046124-5134	10/147,307	6,700,110	03/02/04	08/16/02; 013200/0969
06/21/02	046124-5137	10/176,191	6,723,994	04/20/04	06/21/02; 013038/0946
07/10/02	046124-5138	10/169,861			07/10/02; 013308/0488
07/12/02	046124-5139	10/169,990	6,867,418	03/15/05	07/12/02; 013264/0935
07/12/02	046124-5140	10/169,991	6,891,164	05/10/05	07/12/02; 013308/0548
07/17/02	046124-5141	10/181,360	6,670,752	12/30/03	07/17/02; 013292/0001
07/18/02	046124-5142	10/181,376	6,710,292	03/23/04	07/18/02; 013321/0158

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
09/04/02	046124-5143	10/181,557	6,897,964	05/24/05	09/04/02; 013361/0666
08/02/02	046124-5144	10/182,818	6,687,521	02/03/04	08/02/02; 013308/0222
08/06/02	046124-5145	10/203,161			08/06/02; 013354/0187
08/13/02	046124-5146	10/203,760			08/13/02; 013374/0467
08/20/02	046124-5147	10/223,378			08/20/02; 013220/0234
09/09/02	046124-5152	10/237,090			09/09/02; 013277/0111
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10/18/02	046124-5159	10/258,061	6,649,142	11/18/03	10/18/02; 013795/0503
10/25/02	046124-5160	10/280,068	6,808,523	10/26/04	10/25/02; 013431/0963
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08/08/03	046124-5188	10/637,040			01/12/04; 014883/0607
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Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
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03/12/03	046124-5202	10/385,696			07/08/03; 014252/0162
04/08/05	046124-5202-01	11/101,543			07/08/03; 014252/0162
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Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
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02/23/04	046124-5272	10/487,145			02/23/04; 015549/0763
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03/26/04	046124-5284	10/490,980			03/26/04; 015714/0314
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06/29/04	046124-5306	10/878,527			06/29/04; 015525/0132
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Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
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01/30/01	046124-5066	09/771,721	6,385,294	05/07/02	01/30/01; 011750/0595
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08/05/04	046124-5308	10/911,471			08/05/04; 015664/0133
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06/23/00	046124-5032	09/602,899	6,380,663	04/30/02	06/23/00; 010896/0553
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11/21/00	046124-5050	09/716,264	6,335,792	01/01/02	11/21/00; 011686/0549
08/15/01	046124-5090	09/929,490	6,635,877	10/21/03	08/15/01; 012101/0591
10/26/01	046124-5102	09/983,922	6,757,627	06/29/04	10/26/01; 012290/0792
10/26/01	046124-5104	09/984,028	6,637,913	10/28/03	01/11/02; 012472/0958
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04/26/02	046124-5126	10/132,736	6,639,969	10/28/03	07/19/02; 013113/0396
05/09/02	046124-5130	10/141,338	6,757,106	06/29/04	08/13/02; 015049/0901
05/10/02	046124-5132	10/129,733	6,774,370	08/10/04	05/10/02; 013118/0214

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
05/17/02	046124-5134	10/147,307	6,700,110	03/02/04	08/16/02; 013200/0969
06/21/02	046124-5137	10/176,191	6,723,994	04/20/04	06/21/02; 013038/0946
07/18/02	046124-5142	10/181,376	6,710,292	03/23/04	07/18/02; 013321/0158
08/02/02	046124-5144	10/182,818	6,687,521	02/03/04	08/02/02; 013308/0222
10/09/02	046124-5155	10/266,690	6,703,598	03/09/04	10/09/02; 013375/0688
10/25/02	046124-5160	10/280,068	6,808,523	10/26/04	10/25/02; 013431/0963
11/01/02	046124-5164	10/275,136	6,768,552	07/27/04	11/01/02; 013841/0670
01/06/03	046124-5062-01	10/336,921	6,735,282	05/11/04	01/08/01; 011434/0843
05/25/00	046124-5027	09/577,622	6,765,609	07/20/04	05/25/00; 010824/0684
10/24/00	046124-5047	09/694,313	6,628,874	09/30/03	10/24/00; 011253/0926
02/02/01	046124-5064	09/773,510	6,804,275	10/12/04	02/02/01; 011547/0621
05/04/01	046124-5074	09/848,252	6,704,110	03/09/04	05/04/01; 011776/0059
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06/13/01	046124-5084	09/879,062	6,781,131	08/24/04	06/13/01; 011900/0344
07/30/01	046124-5087	09/916,281	6,606,123	08/12/03	07/30/01; 012034/0128
04/27/01	046124-5063	09/842,831	6,563,264	05/13/03	04/27/01; 011761/0452
03/19/04	046124-5283	10/804,193			07/29/04; 015640/0537

The undersigned has reviewed all documents in the chain of title of the patent applications and patents identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

Customer Number 023973  
 DRINKER BIDDLE & REATH LLP  
 One Logan Square  
 18<sup>th</sup> and Cherry Streets  
 Philadelphia, PA 19103-6996

with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

All correspondence regarding these applications should be sent to JOHN SMITH at:

Customer Number 023973  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patents, applications or any patents issued on the applications.

Respectfully submitted,

Date: July, 6, 2005

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